

SEQUENCE LISTING

GENERAL INFORMATION

- (i) APPLICANTS: DAKAI LIU
RABBANI, ELAZAR
- (ii) TITLE OF INVENTION: VECTORS AND VIRAL VECTORS, AND
PACKAGING CELL LINES FOR PROPAGATING SAME
- (iii) NUMBER OF SEQUENCES: 16
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: ENZO THERAPEUTICS, INC.
(B) STREET: C/O ENZO BIOCHEM, INC.
527 MADISON AVENUE, 9TH FLOOR
(C) CITY: NEW YORK
(D) STATE: NY
(E) COUNTRY: USA
(F) ZIP: 10022
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: 3.5" Micro Floppy Disk. 1.44 KB
STORAGE
(B) COMPUTER: IBM PC/XT/AT, IBM PS/2 OR COMPATIBLES
(C) OPERATING SYSTEM: PC-DOS
(D) SOFTWARE: MICROSOFT WORD ___ - ASCII TEXT (DOS)
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/822,963
(B) FILING DATE: 21-MARCH-1997
(C) CLASSIFICATION: Not Yet Known
- (vii) ATTORNEY/AGENT INFORMATION;
(A) NAME: FEDUS, RONALD C.
(B) REGISTRATION NUMBER: 32,567
(C) REFERENCE/DOCKET NUMBER: ENZ-56
- (viii) TELECOMMUNICATION INFORMATION
(A) TELEPHONE: (212) 583-0100
(B) TELEFAX: (212) 583-0150
- (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

(2) INFORMATION FOR SEQ ID NO: 1

- (i) SEQUENCE CHARACTERISTICS:

ENZ-56

61

- (A) LENGTH: 9 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TATCACCGC
ATAGTGGCG

(3) INFORMATION FOR SEQ ID NO. 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ACAAGAAAA
TGTTCTTTT

(4) INFORMATION FOR SEQ ID NO. 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

GTACTAGTTA
CATGATCAAT

(5) INFORMATION FOR SEQ ID NO. 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

AGACGTCT
TCTGCAGA

(6) INFORMATION FOR SEQ ID NO. 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 24 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TGGAATTGTGAGCGGATAACAATT
ACCTTAACACTCGCCTATTGTAA

(7) INFORMATION FOR SEQ ID NO. 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

TAAT
ATTA

(8) INFORMATION FOR SEQ ID NO. 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

CATGTAATT
GTACATTAA

(9) INFORMATION FOR SEQ ID NO. 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 13 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

AAAAGTGTGACAT
TTTTCACACTGTA

(10) INFORMATION FOR SEQ ID NO. 9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 11 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

CCGGAGGACAG
GGCCTCCTGTC

(11) INFORMATION FOR SEQ ID NO. 10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

ACCGACGTCGGT
TGGCTGCAGCCA

(12) INFORMATION FOR SEQ ID NO. 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

ATGATC
TACTAG

(13) INFORMATION FOR SEQ ID NO. 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

GCGTGGGCG
CGCACCCGC

(14) INFORMATION FOR SEQ ID NO. 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 base pairs
- (B) TYPE: nucleic acid

- (C) STRANDEDNESS: double
 (D) TOPOLOGY: linear
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

CAGAACATC
 GTCTTGTAG

- (15) INFORMATION FOR SEQ ID NO. 14:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 8 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: double
 (D) TOPOLOGY: linear
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

TATATAAA
 ATATATTT

- (16) INFORMATION FOR SEQ ID NO. 15:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 309 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

GAACAGATGG AACAGCTGAA TATGGGCCAA ACAGGATATC TGTGGTAAGC 1
 AGTTCCTGCC CCGGCTCAGG GCCAAGAACA GATGGAACAG CTGAATATGG 51
 GCCAAACAGG ATATCTGTGG TAAGCAGTTC CTGCCCCGGC YCAGGGCCAA 101
 GAACAGATGG TCCCCAGATG CGGTCCAGCC CTCAGCAGTT TCTAGAGAAC 151
 CATCAGATGT TTCCAGGGTG CCCCAAGGAC CTGAAATGAC CCTGTGCCTT 201
 ATTTGAACTA ACCAATCAGT TCGCTTCTCG CTTCTGTTCG CGCGCTTCTG 251
 CTCCCCGAGC TCAATAAAA 301

- (17) INFORMATION FOR SEQ ID NO. 16:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 309 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

ACGCTTGATC	CGGCTACCTG	CCCATTGAC	CACCAAGCGA	AACATCGCAT	1
CGAGCGAGCA	CGTACTCGGA	TGGAAGCCGG	TCTTGTCGAT	CAGGATGATC	51
TGGACGAAGA	GCATCAGGGG	CTCGCGCCAG	CCGAACTGTT	CGCCAGGCTC	101
AAGGCGCGCA	TGCCCCGACGG	CGAGGATCTC	GTCGTGACTT	TCTAGAGAAC	151
CATCAGATGT	TTCCAGGGTG	CCCCAAGGAC	CTGAAATGAC	CCTGTGCCTT	201
ATTTGAACTA	ACCGGTCAGT	TCGCTTCTCG	CTTCTGTTCG	CGCGCTTCTG	251
CTCCCCGAGC	TCAGCTGCG				

21

66